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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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09/879,804

06/12/2001

Chiaki Imaeda

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27572

7590

09/20/2006

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EXAMINER

CHUNG, DAVID Y

ART UNIT

PAPER NUMBER

2871

DATE MAILED: 09/20/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/879,804

Applicant(s)

IMAEDA, CHIAKI

Examiner

David Y. Chung

Art Unit

2871

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 March 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1, 4, 5, 8, 11-15, 18, 19, 30-32, 47, 49, 50, 59-65, 67-69 and 71-92 is/are pending in the application.
- 4a) Of the above claim(s) See Continuation Sheet is/are withdrawn from consideration.
- 5) ☒ Claim(s) 68, 77-83 and 91 is/are allowed.
- 6) ☒ Claim(s) 67, 69, 84, 85, 87-90 and 92 is/are rejected.
- 7) ☒ Claim(s) 86 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____.

Continuation of Disposition of Claims: Claims withdrawn from consideration are 1,4,5,8,11-15,18,19,30-32,47,49,50 and 59-65 and 71-76

DETAILED ACTION

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

1. Claims 67, 69, 84, 85, 87-90 and 92 rejected under 35 U.S.C. 102(a) as being anticipated by Shimizu (JP 2000-267591).

As to claim 67, Shimizu discloses a liquid crystal device having a structure as shown in figures 4 and 6. Note the liquid crystal panel 10 comprising substrates 11 and 12. The substrate is covered with an anisotropic conductive film for mounting an integrated circuit chip 133. The integrated circuit chip 133 is mounted to the underside of substrate 11 and is positioned so as to protrude from the anisotropic conductive film. The anisotropic conductive film can be construed as being a protective material having a flat face. Note the light guide section 95, which contains an opening for storing the integrated circuit chip 133, thus acting as a holding member.

As to claims 69, figures 4 and 6 show that the holding member is disposed so as to cover the liquid crystal panel. As shown in figure 4, the light guide member 75 is designed so as to abut the liquid crystal panel for positioning.

As to claims 84, 85, 88-90 and 92, Shimizu discloses a liquid crystal device having a structure as shown in figures 4 and 6. Note the liquid crystal panel 10 comprising substrates 11 and 12. The substrate 11 is covered with an anisotropic conductive film for mounting an integrated circuit chip 133. An integrated circuit chip 133 is mounted to the underside of substrate 11 and positioned to protrude from both the substrate and the anisotropic conductive film. Note the light guide section 95, which contains an opening for storing the integrated circuit chip 133, thus acting as a holding member. Note in figure 4, the notch 73c, formed from the outside at an area where the integrated circuit chip 133 is not situated.

As to claim 87, the slot 73c disclosed by Shimizu in figure 4 can be construed as being a hole. It is provided at an area where the integrated circuit chip 133 is not situated.

Allowable Subject Matter

Claim 68 and 77-83 allowed.

The following is a statement of reasons for the indication of allowable subject matter: the prior art did not teach or suggest a holding member having a plurality of storing portions for storing a plurality of electronic parts.

Claim 91 allowed.


The following is a statement of reasons for the indication of allowable subject matter: the prior art of record did not teach or suggest a first holding member disposed to cover the first panel substrate, and a second holding member disposed to cover the second panel substrate.

Claim 86 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The following is a statement of reasons for the indication of allowable subject matter: the prior art of record did not teach or suggest a light source being stored in the notch.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David Y. Chung whose telephone number is (571) 272-2288. The examiner can normally be reached Monday-Friday from 9:00 AM to 5:30 PM. If attempts to reach the examiner are unsuccessful, the examiner's supervisor David C. Nelms can be reached at (571) 272-1787.


David Nelms
Supervisory Patent Examiner
Technology Center 2800

David Y. Chung
AU 2871
09/05/06